

BeKm-1

Cat. No.: HY-P1440
CAS No.: 524962-01-4
Batch No.: 271206
Chemical Name: L-Phenylalanine, L-arginyl-L-prolyl-L-threonyl-L- α -aspartyl-L-isoleucyl-L-lysyl-L-cysteinyl-L-seryl-L- α -glutamyl-L-seryl-L-tyrosyl-L-glutamyl-L-cysteinyl-L-phenylalanyl-L-prolyl-L-valyl-L-cysteinyl-L-lysyl-L-seryl-L-arginyl-L-phenylalanyl-glycyl-L-lysyl-L-threonyl-L-asparaginyl-glycyl-L-arginyl-L-cysteinyl-L-valyl-L-asparaginyl-glycyl-L-phenylalanyl-L-cysteinyl-L- α -aspartyl-L-cysteinyl-, cyclic (7 \rightarrow 28),(13 \rightarrow 33),(17 \rightarrow 35)-tris(disulfide) (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{174}H_{261}N_{51}O_{52}S_6$
Molecular Weight: 4091.65
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

RPTDIKGSSEYQCQFPVCKSRFGKTNRCVNGFCDCF
(Disulfide bridge: C7 \rightarrow 13, C13 \rightarrow 33, C17 \rightarrow 35, C19 \rightarrow 28)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 99.45%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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